Aeronautics Educator Guide							
2000 Mathematics							
Academic Standards							
Indiana Mathematics							
Grade 2	01-1-	04					
Activity/Lesson	State	Standards					
A: F : (40.40)			Measure and estimate length to the nearest				
Air Engines (12-16)	IN	MA.2.2.5.1	inch, foot, yard, centimeter, and meter.				
Ain Francisco (40, 40)	INI	MA 0 0 5 0	Decide which unit of length is most appropriate				
Air Engines (12-16)	IN	MA.2.2.5.3	in a given situation.				
Dotor Motor (60.75)	IN	MA.2.2.1.12	Represent, compare, and interpret data using				
Rotor Motor (69-75)	IIN	IVIA.Z.Z. 1. 1Z	tables, tally charts, and bar graphs.				
Flight: Interdisciplinary							
Learning Activities (76-							
79)	IN	MA.2.2.1.1	Count by ones, twos, fives, and tens to 100.				
10)	111	IVI/ 1. Z. Z. 1. 1	Count by ones, twos, fives, and tens to roo.				
Flight: Interdisciplinary							
Learning Activities (76-			Represent, compare, and interpret data using				
79)	IN	MA.2.2.1.12	tables, tally charts, and bar graphs.				
. • /			and the state of t				
Flight: Interdisciplinary							
Learning Activities (76-							
79)	IN	MA.2.2.5.11	Find the duration of intervals of time in hours.				
Plan to Fly There (97-							
106)	IN	MA.2.2.5.11	Find the duration of intervals of time in hours.				
We Can Fly, You and							
I: Interdisciplinary			Represent, compare, and interpret data using				
Learning (107-108)	IN	MA.2.2.1.12	tables, tally charts, and bar graphs.				
We Can Fly, You and							
I: Interdisciplinary							
Learning (107-108)	IN	MA.2.2.5.11	Find the duration of intervals of time in hours.				
Dunked Napkin (17-			Collect and record numerical data in systematic				
22)	IN	MA.2.2.1.11	ways.				
Dunked Napkin (17-			Represent, compare, and interpret data using				
22)	IN	MA.2.2.1.12	tables, tally charts, and bar graphs.				
			Construct squares, rectangles, triangles, cubes,				
Paper Bag Mask (23-			and rectangular prisms with appropriate				
28)	IN	MA.2.2.4.1	materials.				
D D M 1 (00			Investigate and predict the result of putting				
Paper Bag Mask (23-	l	NAA 0 0 4 0	together and taking apart two- and three-				
28)	IN	MA.2.2.4.3	dimensional shapes.				
Paper Bag Mask (23-	IN	MA 2 2 4 4	Identify congruent two-dimensional shapes in				
28) Paper Bag Mask (23-	IIN	MA.2.2.4.4	any position.				
28)	IN	MA.2.2.4.5	Recognize geometric shapes and structures in the environment and specify their locations.				
Paper Bag Mask (23-	11.1	IVIA.Z.Z.4.0	Measure and estimate length to the nearest				
28)	IN	MA.2.2.5.1	inch, foot, yard, centimeter, and meter.				
	11 V	IVIA.2.2.J. I	Describe the relationships among inch, foot, and				
Paper Bag Mask (23-			yard. Describe the relationship between				
28)	IN	MA.2.2.5.2	centimeter and meter.				
Paper Bag Mask (23-		1417 1.2.2.0.2	Decide which unit of length is most appropriate				
28)	IN	MA.2.2.5.3	in a given situation.				
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Activity/Lesson	State	Standards						
Grade 4								
Indiana Mathematics								
Academic Standards								
2000 Mathematics								
Aeronautics Educator Guide								
(29-35)	IN	MA.3.3.5.2	of inches to feet or centimeters to meters.					
Wind in Your Socks)			Add units of length that may require regrouping					
(29-35)	IN	MA.3.3.5.1	Measure line segments to the nearest half-inch.					
Wind in Your Socks)								
28)	IN	MA.3.3.5.2	of inches to feet or centimeters to meters.					
Paper Bag Mask (23-			Add units of length that may require regrouping					
28)	IN	MA.3.3.5.1	Measure line segments to the nearest half-inch.					
Paper Bag Mask (23-								
28)	IN	MA.3.3.4.6	describing two-dimensional shapes.					
Paper Bag Mask (23-			Use the terms point, line, and line segment in					
22)	IN	MA.3.3.1.13	answer questions about the situation.					
Dunked Napkin (17-			Interpret data displayed in a circle graph and					
Learning (107-108)	IN	MA.3.3.5.9	much time has elapsed.					
I: Interdisciplinary			Tell time to the nearest minute and find how					
We Can Fly, You and	11.4	IVI/\.J.J.J.3	пион шпе наз старзей.					
106)	IN	MA.3.3.5.9	much time has elapsed.					
Plan to Fly There (97-	1111	IVIA.3.3.3.8	Tell time to the nearest minute and find how					
79)	IN	MA.3.3.5.9	much time has elapsed.					
Flight: Interdisciplinary Learning Activities (76-			Tell time to the nearest minute and find how					
Flight Interdiction								
79)	IN	MA.3.3.1.1	1,000.					
Learning Activities (76-	1	MA 2 2 4 4	Count, read, and write whole numbers up to					
Flight: Interdisciplinary			Count wood and with whale work are or					
-								
Air Engines (12-16)	IN	MA.3.3.5.1	Measure line segments to the nearest half-inch.					
Activity/Lesson	State	Standards						
Grade 3								
Indiana Mathematics								
		Academic Star	ndards					
2000 Mathematics								
Aeronautics Educator Guide								
,			Sprace					
68)	IN	MA.2.2.6.1	to use in solving problems.					
Delta Wing Glider (60-			Choose the approach, materials, and strategies					
Right Flight (52-59)	IN	MA.2.2.6.1	to use in solving problems.					
(Choose the approach, materials, and strategies					
(29-35)	IN	MA.2.2.5.3	in a given situation.					
Wind in Your Socks)			Decide which unit of length is most appropriate					
(29-35)	IN	MA.2.2.5.2	centimeter and meter.					
Wind in Your Socks)			yard. Describe the relationship between					
(20-00)	11.4	IVI/\(\tau.\text{L.Z.J. I}\)	Describe the relationships among inch, foot, and					
Wind in Your Socks) (29-35)	IN	MA.2.2.5.1	inch, foot, yard, centimeter, and meter.					
Wind in Vour Cooks			Measure and estimate length to the nearest					
(29-35)	IN	MA.2.2.1.11	ways.					

			Measure length to the nearest quarter-inch,
Air Engines (12-16)	IN	MA.4.4.5.1	eighth-inch, and millimeter.
Plan to Fly There (97-			
106)	IN	MA.4.4.5.9	Add time intervals involving hours and minutes.
We Can Fly, You and			
I: Interdisciplinary			
Learning (107-108)	IN	MA.4.4.5.9	Add time intervals involving hours and minutes.
Dunked Napkin (17-			Interpret data graphs to answer questions about
22)	IN	MA.4.4.6.2	a situation.
Paper Bag Mask (23-			Measure length to the nearest quarter-inch,
28)	IN	MA.4.4.5.1	eighth-inch, and millimeter.
Wind in Your Socks)			Measure length to the nearest quarter-inch,
(29-35)	IN	MA.4.4.5.1	eighth-inch, and millimeter.
Air: Interdisciplinary			
Learning Activities (36-			Use volume and capacity as different ways of
39)	IN	MA.4.4.5.8	measuring the space inside a shape.